

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/560,268  
Source: IFWP  
Date Processed by STIC: 9/8/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 09/08/2006

PATENT APPLICATION: US/10/560,268

TIME: 13:52:06

Input Set : A:\pto.ca.txt

Output Set: N:\CRF4\09082006\J560268.raw

```

3 <110> APPLICANT: Kleinschmidt, Jorgen
4      Muller, Oliver
6 <120> TITLE OF INVENTION: Improved AAV vector for gene therapy
8 <130> FILE REFERENCE: 03528.0149.PCUS00
10 <140> CURRENT APPLICATION NUMBER: 10/560,268
11 <141> CURRENT FILING DATE: 2005-12-09
13 <150> PRIOR APPLICATION NUMBER: EP 03 013 169
14 <151> PRIOR FILING DATE: 2003-06-11
16 <160> NUMBER OF SEQ ID NOS: 7
18 <170> SOFTWARE: PatentIn version 3.2
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 24
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Chemically synthesised
28 <400> SEQUENCE: 1
29 cgттаaccса ggcаtggtct gggc
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 27
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Chemically synthesised
40 <400> SEQUENCE: 2
41 cccagaccat gcctgggtta acgcatg
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 22
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Primer
52 <400> SEQUENCE: 3
53 gacgccaaaa acataaagaa ag
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 20
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Primer
64 <400> SEQUENCE: 4
65 ccaaaaatag gatctctggc
68 <210> SEQ ID NO: 5

```

## RAW SEQUENCE LISTING

DATE: 09/08/2006

PATENT APPLICATION: US/10/560,268

TIME: 13:52:06

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09082006\J560268.raw

```

69 <211> LENGTH: 20
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Primer
76 <400> SEQUENCE: 5
77 atgtttgaga ccttcaacac 20
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 20
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Primer
88 <400> SEQUENCE: 6
89 aacgtcacac ttcatgatgg 20
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 200
94 <212> TYPE: PRT
95 <213> ORGANISM: adeno-associated virus 2
97 <400> SEQUENCE: 7
99 His Ser Ser Tyr Ala His Ser Gln Ser Leu Asp Arg Leu Met Asn Pro
100 1 5 10 15
103 Leu Ile Asp Gln Tyr Leu Tyr Tyr Leu Ser Arg Thr Asn Thr Pro Ser
104 20 25 30
107 Gly Thr Thr Thr Gln Ser Arg Leu Gln Phe Ser Gln Ala Gly Ala Ser
108 35 40 45
111 Asp Ile Arg Asp Gln Ser Arg Asn Trp Leu Pro Gly Pro Cys Tyr Arg
112 50 55 60
115 Gln Gln Arg Val Ser Lys Thr Ser Ala Asp Asn Asn Asn Ser Glu Tyr
116 65 70 75 80
119 Ser Trp Thr Gly Ala Thr Lys Tyr His Leu Asn Gly Arg Asp Ser Leu
120 85 90 95
123 Val Asn Pro Gly Pro Ala Met Ala Ser His Lys Asp Asp Glu Glu Lys
124 100 105 110
127 Phe Phe Pro Gln Ser Gly Val Leu Ile Phe Gly Lys Gln Gly Ser Glu
128 115 120 125
131 Lys Thr Asn Val Asp Ile Glu Lys Val Met Ile Thr Asp Glu Glu Glu
132 130 135 140
135 Ile Arg Thr Thr Asn Pro Val Ala Thr Glu Gln Tyr Asp Ser Val Ser
136 145 150 155 160
139 Thr Asn Leu Gln Arg Gly Asn Arg Gln Ala Ala Thr Ala Asp Val Asn
140 165 170 175
143 Thr Gln Gly Val Leu Pro Gly Met Val Trp Gln Asp Arg Asp Val Tyr
144 180 185 190
147 Leu Gln Gly Pro Ile Trp Ala Lys
148 195 200

```

**VERIFICATION SUMMARY**

DATE: 09/08/2006

PATENT APPLICATION: US/10/560,268

TIME: 13:52:07

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09082006\J560268.raw